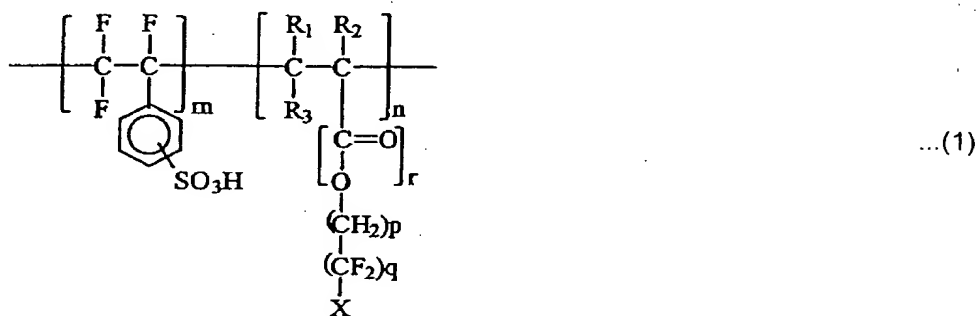


Abstract of the Disclosure

A trifluorostyrene and substituted vinyl compound based partially fluorinated copolymer, an ionic conductive polymer membrane including the same, and a fuel cell adopting the ionic conductive polymer membrane, wherein the partially fluorinated copolymer has formula (1):



where each of R_1 , R_2 and R_3 is F, H or CH_3 ; X is a hydroxy group or a trifluoromethyl group; m is an integer greater than zero; n is an integer greater than zero; and p, q and r are zero or integers greater than zero.